

Decision Support Briefing

Southeast River Forecast Center



River Flood Event Briefing



Issued: 11:28 AM ET Monday, February 15, 2021



Weather Ready Nation



NWSSERFC



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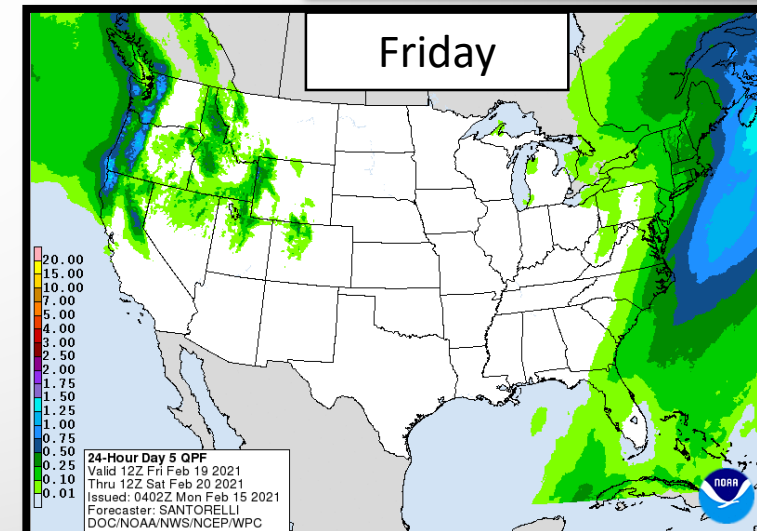
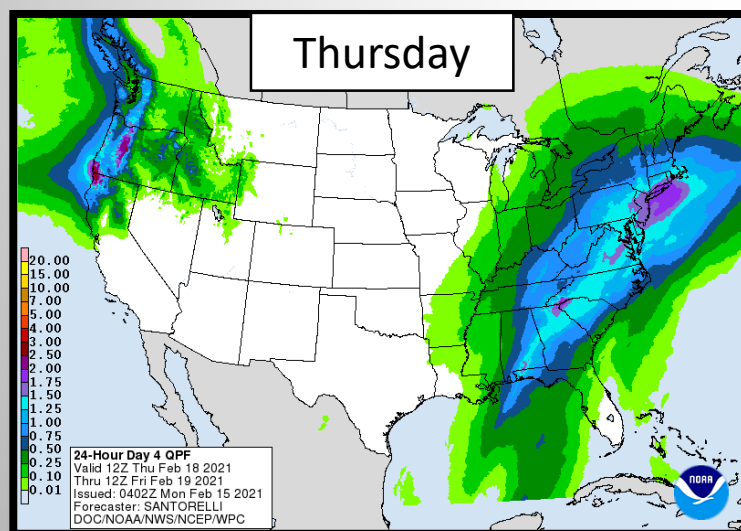
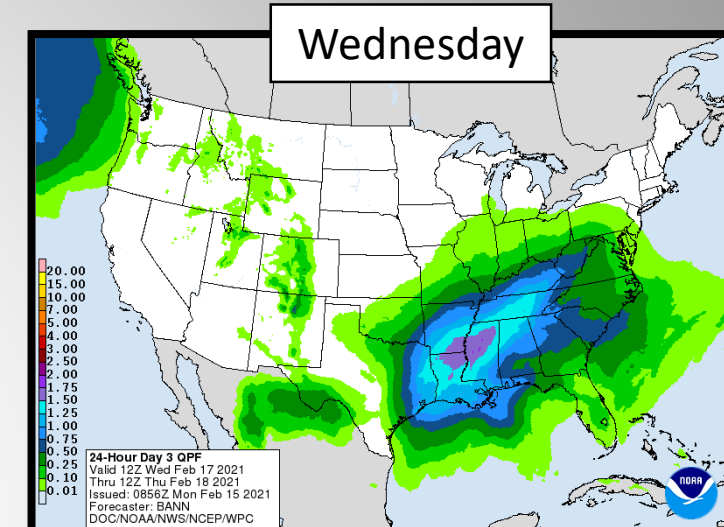
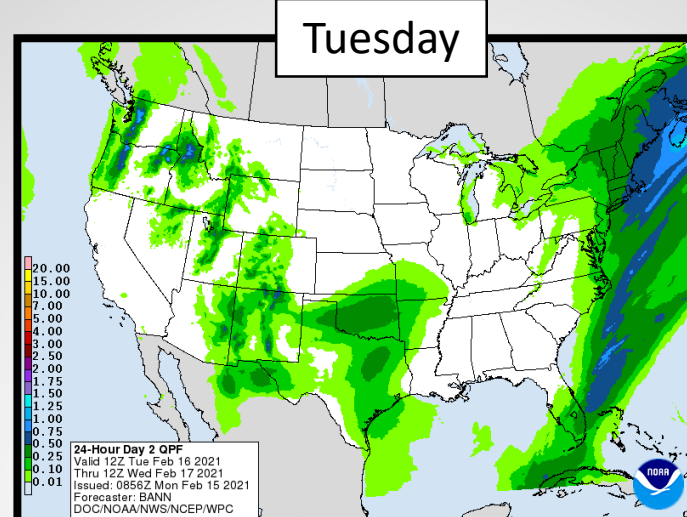
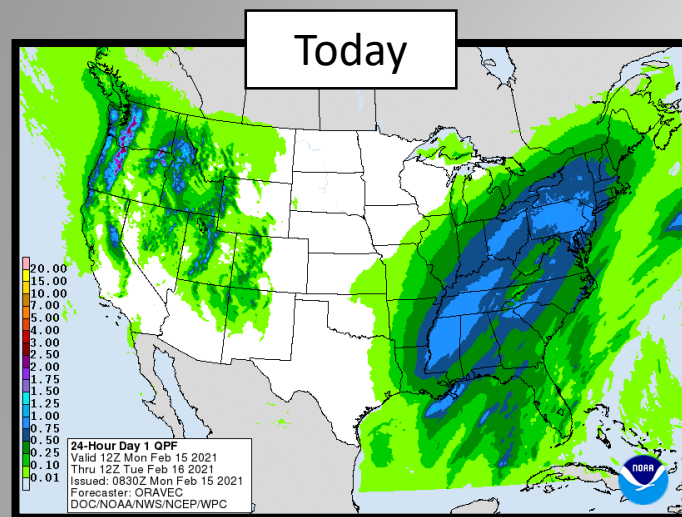
- **Periods of rain over the next several days on top of already very wet soils will result in numerous minor flood rises along rivers and creeks with scattered moderate flooding possible.**
- **The greatest potential for flooding will be from north Florida through the Carolinas and into southern Virginia.**
- **The most significant flood impacts will be mainly across coastal North and South Carolina as well as southern Virginia.**

Southeast Flood Threat

Rainfall forecast amounts each day

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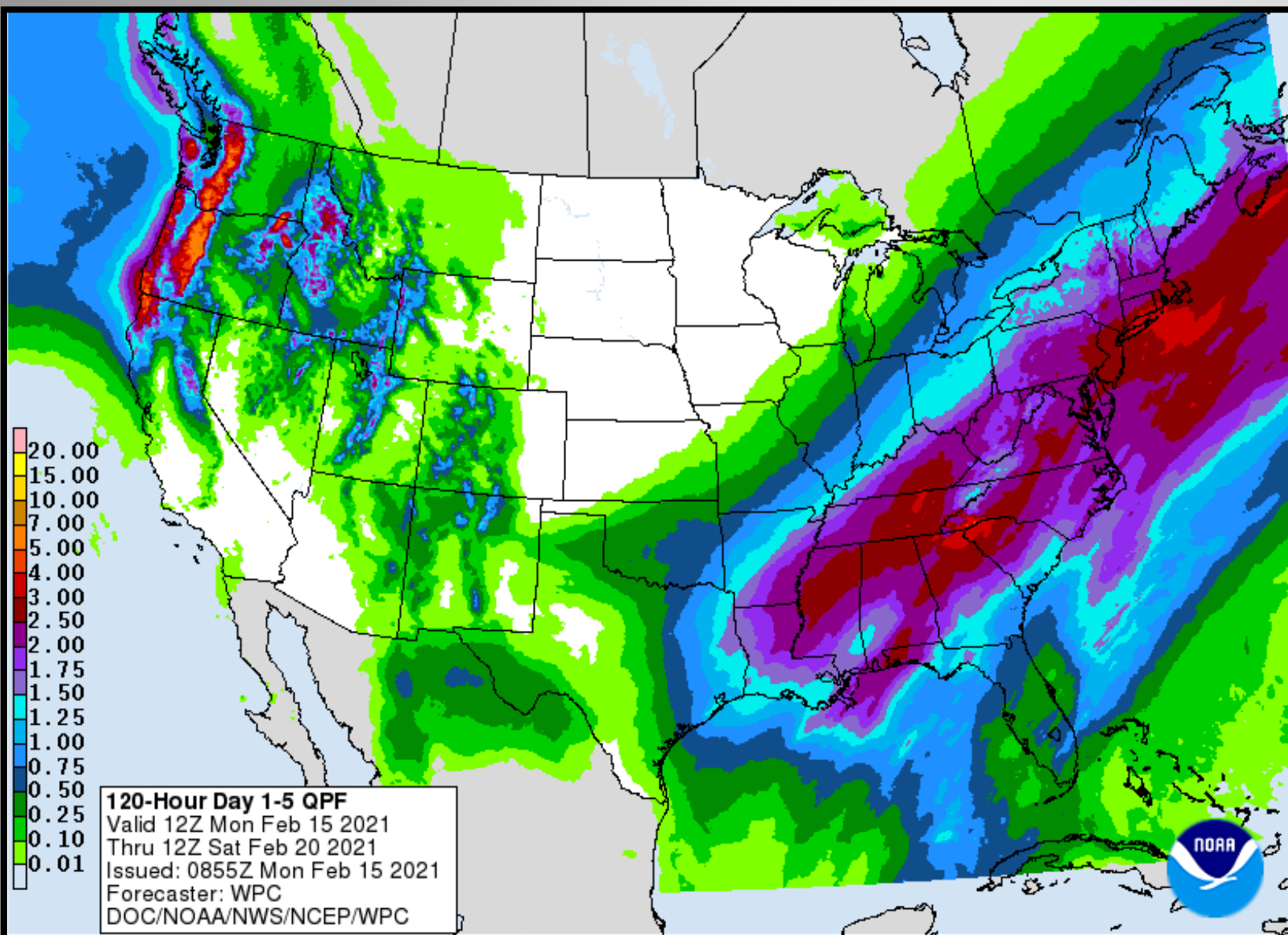
Rain impacts through tonight and again on Wednesday into Thursday.

Southeast Flood Threat

Total rainfall forecast over the next 5 days (Monday through Friday)

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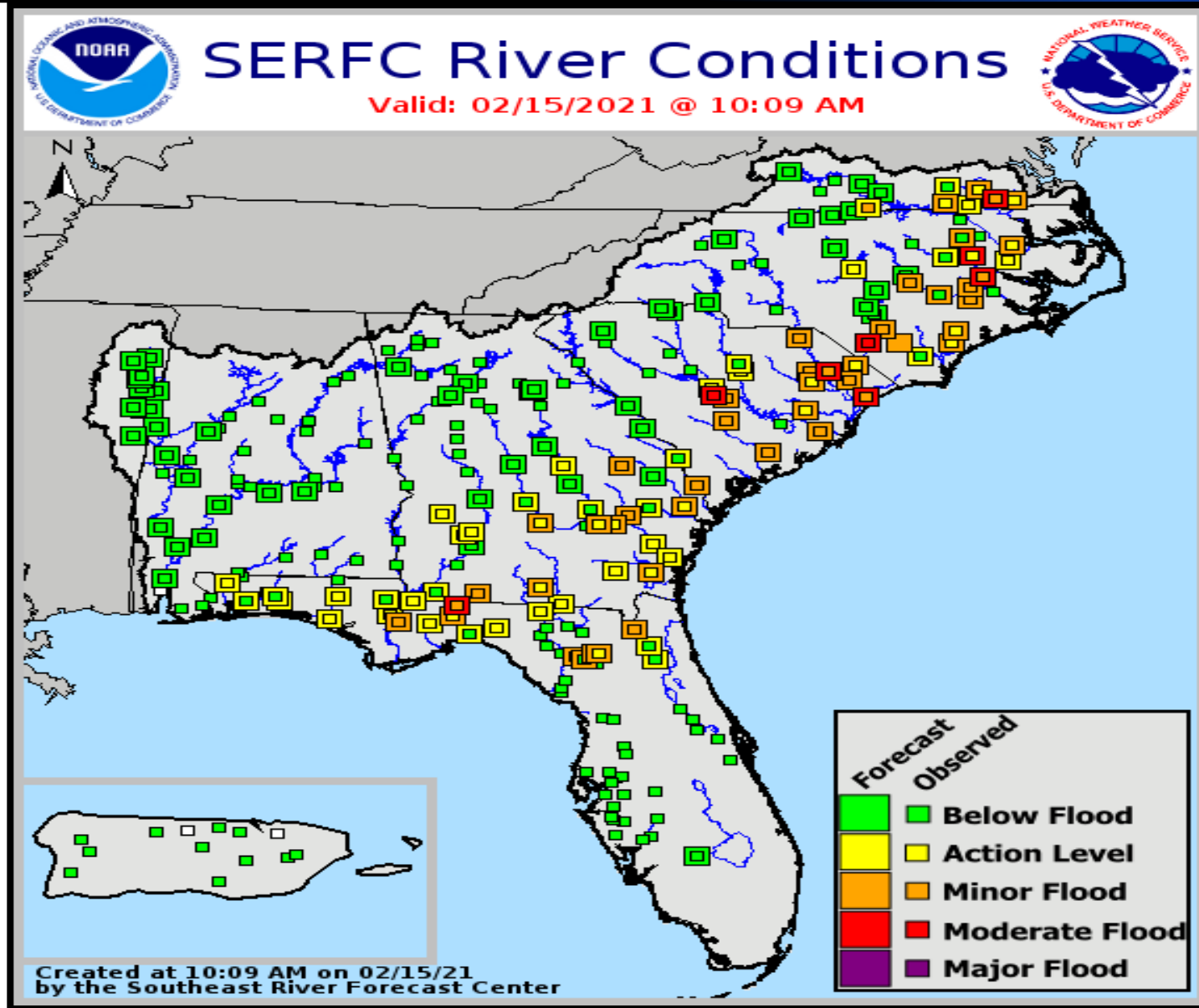
Rainfall total amounts of 1 to 3 inches will be common across the Southeast by the end of the week with some isolated totals reaching 4”.

River Flood Potential next 5 days

River Forecast Map using next 2 days rainfall

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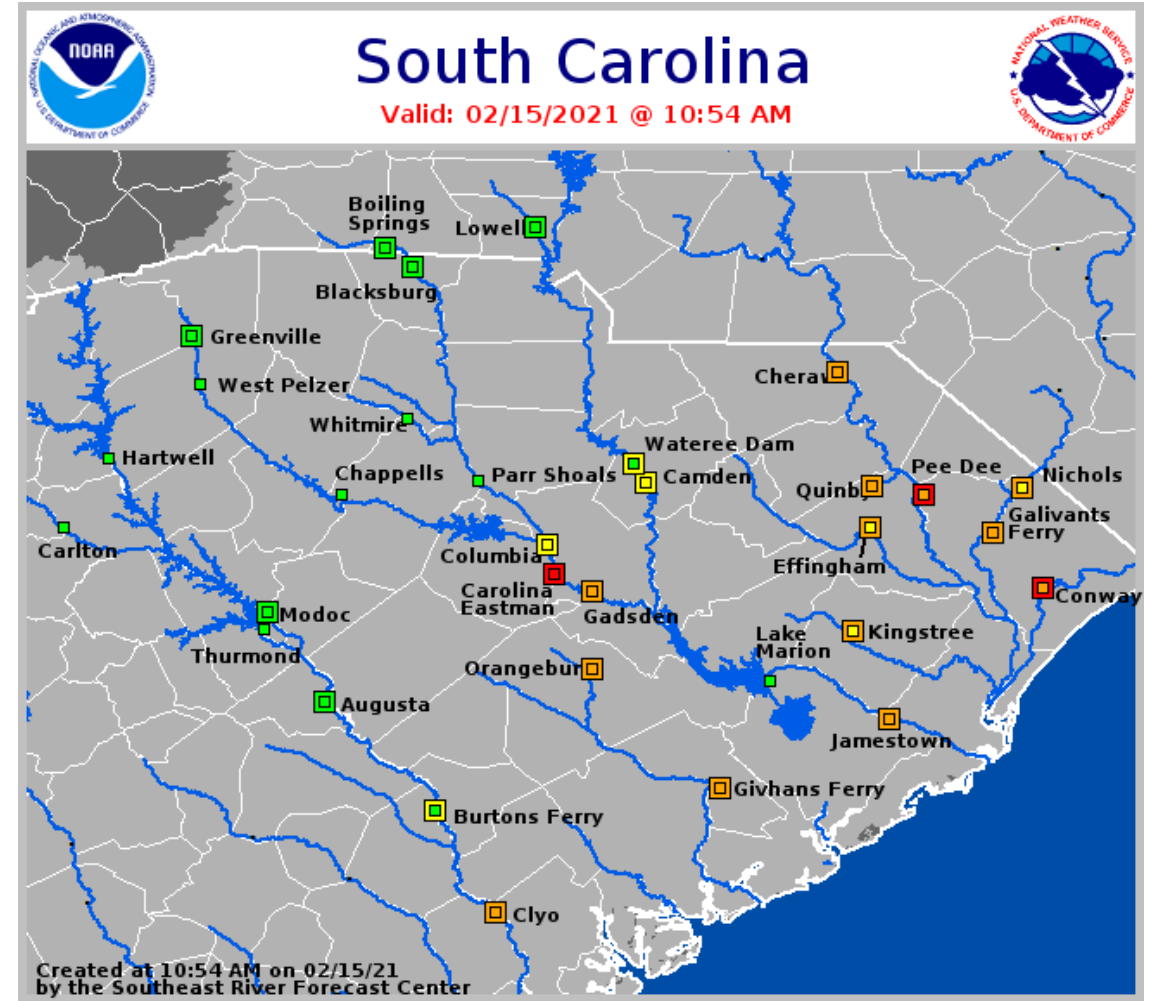
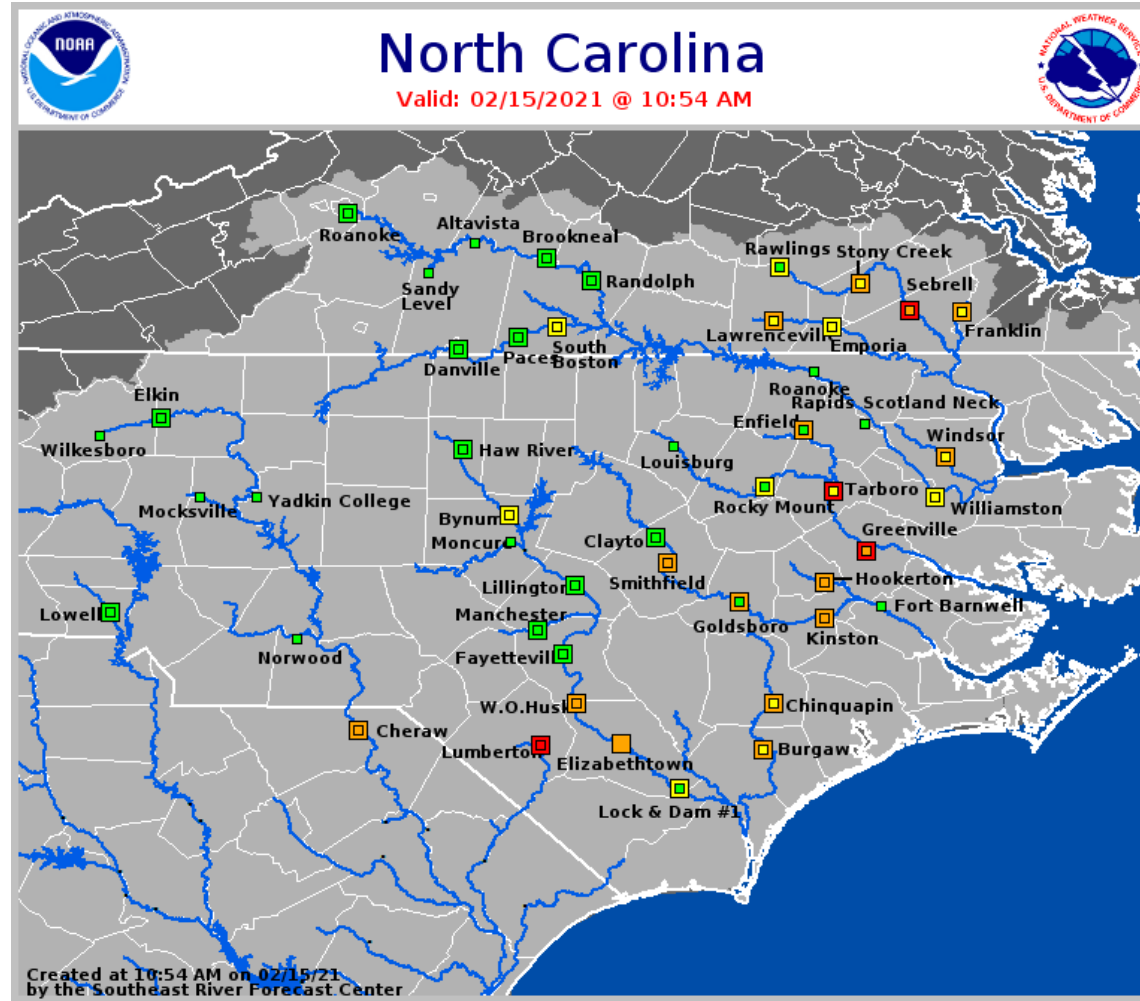
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Here are the latest river forecast impacts using the rainfall expected over the next 48 hours (this does not include rainfall expected on Wednesday and Thursday). Widespread minor flooding is expected from the Florida Panhandle to southern Virginia. Isolated moderate flooding is also expected.

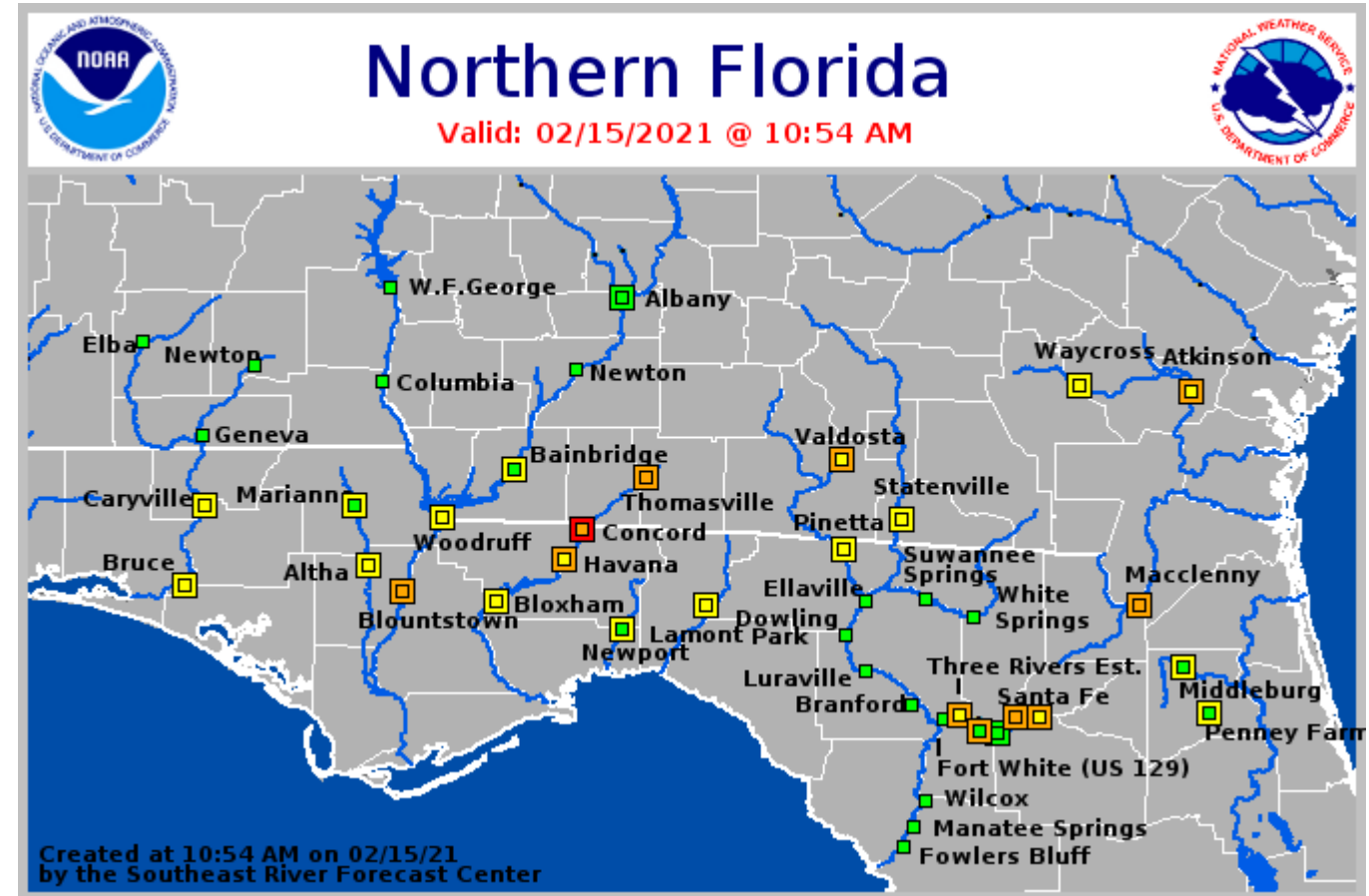
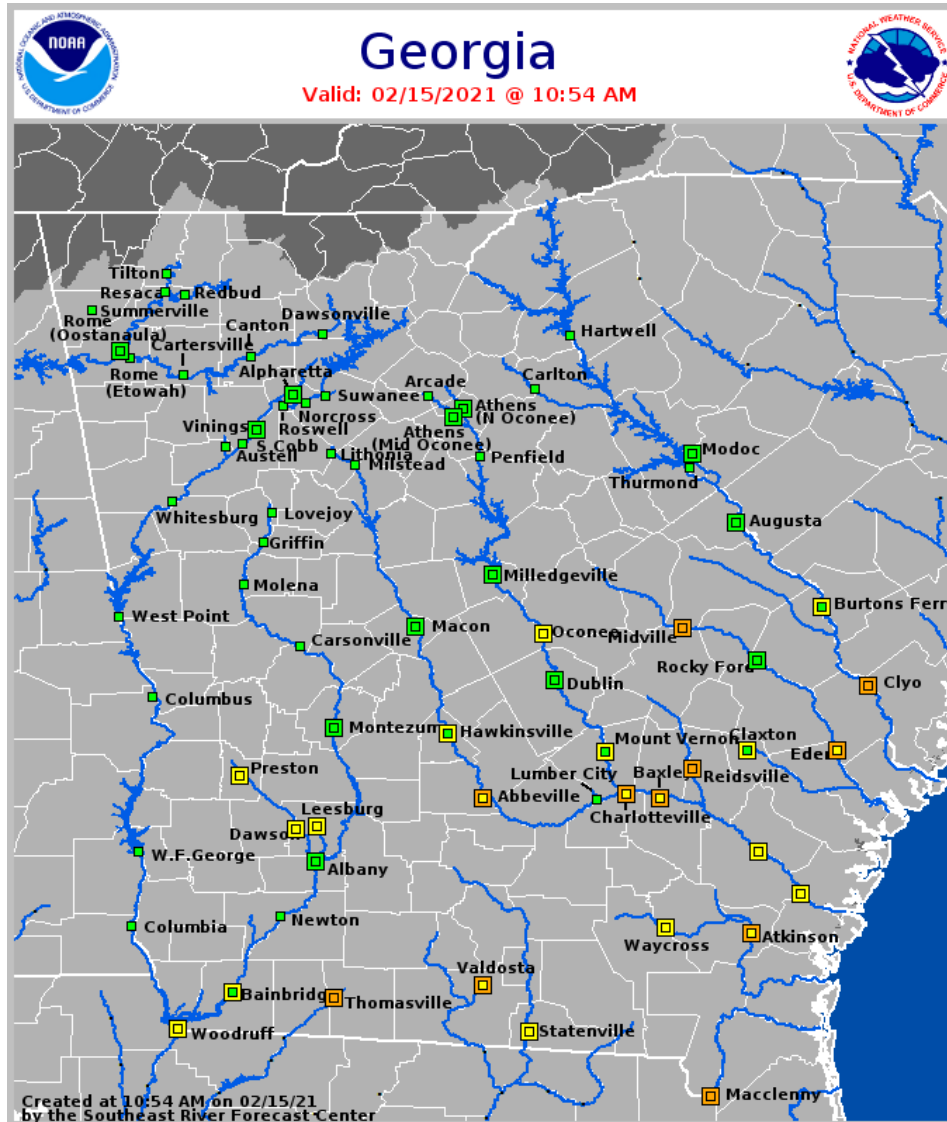
River Flood Potential next 5 days

Carolinas / southern Virginia River Forecast Map using next 2 days rainfall



River Flood Potential next 5 days

Georgia /north Florida River Forecast Map using next 2 days rainfall

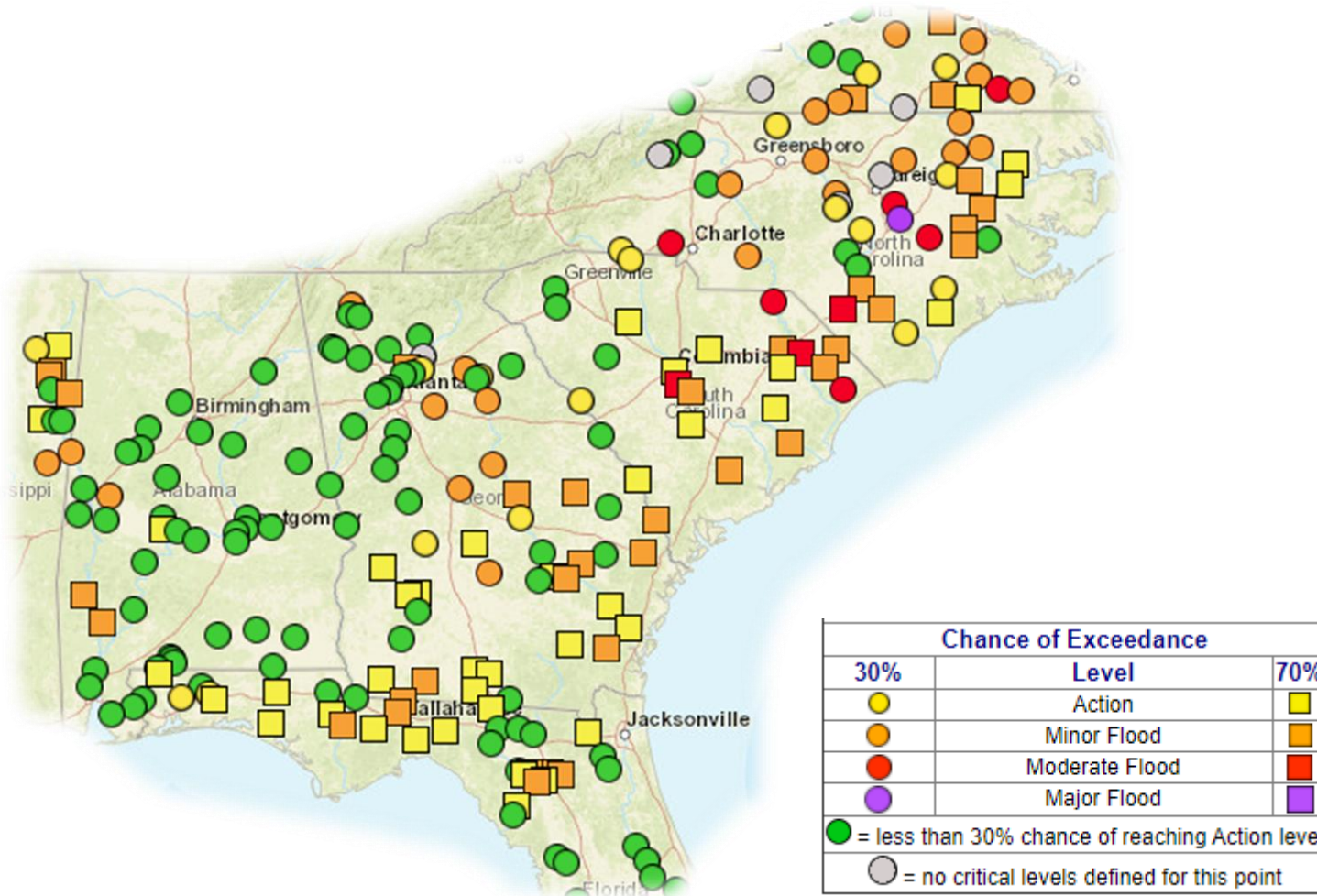


River Flood Potential next 10 days

River Forecast Map using next 10 days rainfall

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Here is the 10-Day Outlook map which uses the rainfall model outlooks for the next 10 days. This map *does* include the rain event on Wednesday and Thursday as an input to the river forecast, unlike our official forecasts on the previous slide. This map shows the potential for more significant flooding in the Carolinas and southern Virginia, as well as additional flood potential in Mississippi and Alabama through the end of the week and into next weekend.

One positive is that next weekend into the following week looks relatively dry. Though many larger coastal rivers will still be high, drier weather should allow some rivers to crest and begin to fall.

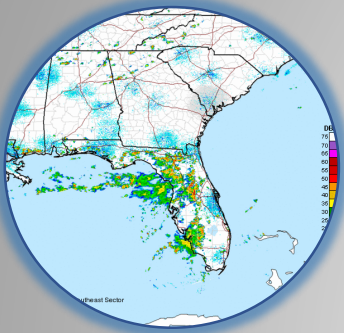
See MMEFS Link at end of these slides for 10-Day Ensemble River Forecasts



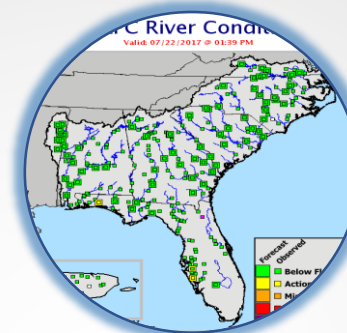
- SERFC will be extending operating hours this evening and likely for the next several days.
- Additional briefings are likely over the coming days.

Latest River Stages and Forecasts
are available...[click here!](#)

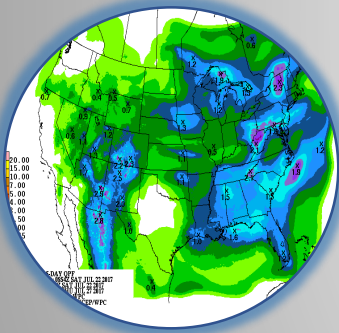
Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



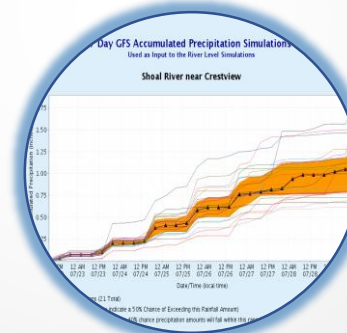
[Latest Radar](#)



[SERFC Quick Brief](#)



[Latest Forecast Rainfall](#)



[MMEFS – Ensemble River Forecasts](#)



- *This product has set the stage for the upcoming event. The Decision Support briefing will continue over the next few days to update you on current conditions and changes to the forecast.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-alr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*